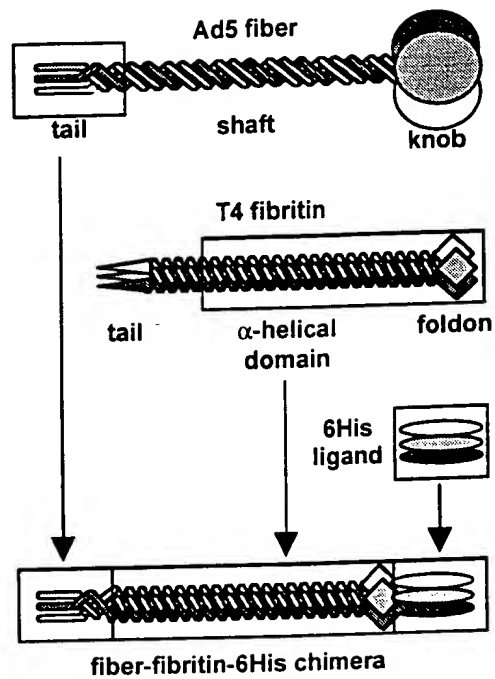


**A**



**B**

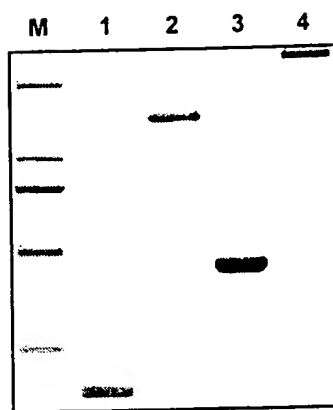


Fig. 1

fiber tail

MKRARPSEDTFNPVYPYDTETGPPTVPFLTPPFVSPNGFQESPP

1st repeat of the fiber shaft

2nd repeat of the fiber shaft

fiber/fibrin junction

GVLSLRLSEPLVTSN

GMALKMGNGLSLDEA

GNLT**SQNVYSRLNEI**

7th coiled coil of the fibrin

DTKQTTVESDISAIKTSI

GYPGNN

SIITSVNTNTDNIA SINLEL

NQSGG

8th coiled coil of the fibrin

9th coiled coil of the fibrin

IKQRLTVIETSI

GSDDIPSS

IKGQIKDNTTSIESLNGIV

GENTSSG

LRA

10th coiled coil of the fibrin

11th coiled coil of the fibrin

NVSWLNQIV

GTDSSGGQPSPPG

SLLNRVSTIETSVSGLNNDVQNL

12th coiled coil of the fibrin

QVEI

GNNSTG

IKGQVVALNTLV

NGTNPNGSTVEERG

LTNSIKANET

13th coiled coil of the fibrin

trimerization domain of the fibrin

NIASVTQEVNTAKGNISLQGDVQALQEA

GYIPEAPRDGQAYVRK

linker

6His ligand

DGEWLLSTFLSPA

GGGGSGGGGSGGGGS

RGSHHHHHH

(Seq ID. No. 13)

Fig. 2

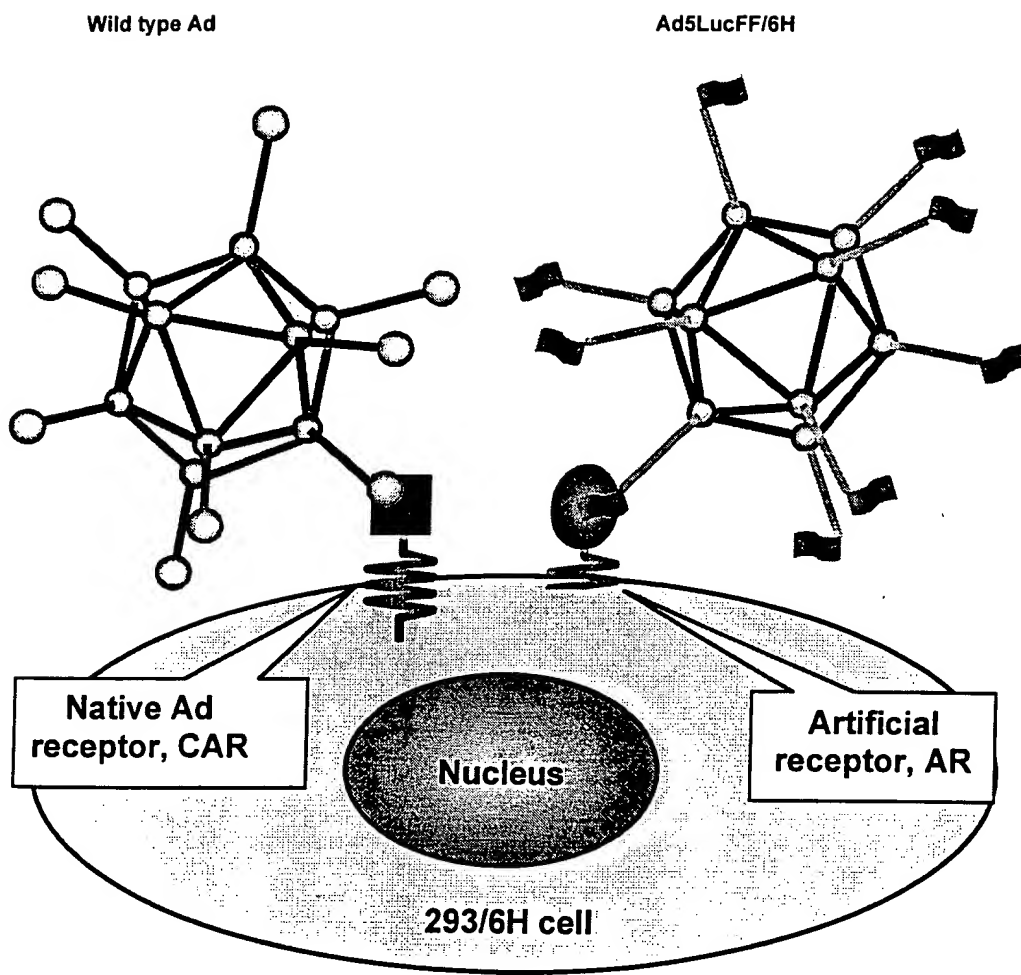
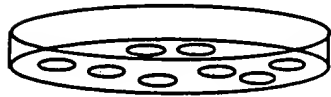


Fig. 3

**Ad5LucFF/6H genome  
generated in *E. coli***

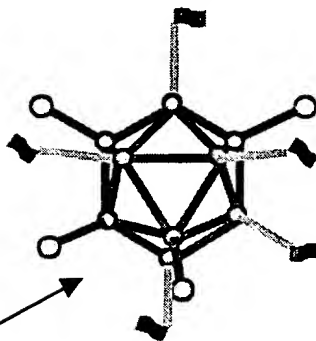


**Transfection  
of 211B cells**

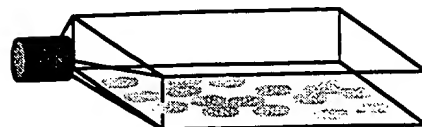


**Formation  
of plaques**

**Virions with  
mosaic capsids**



**Infection of 293/6H cells**



**Ad5LucFF/6H  
virions containing  
FF/6H chimeras**

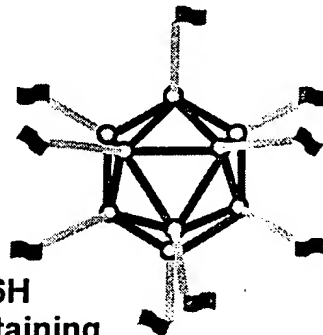
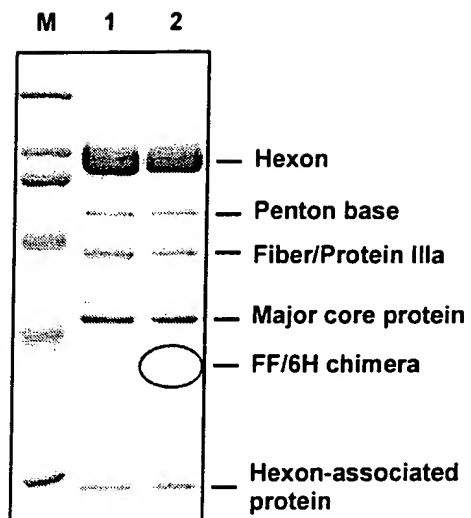


Fig. 4

**A**



**B**

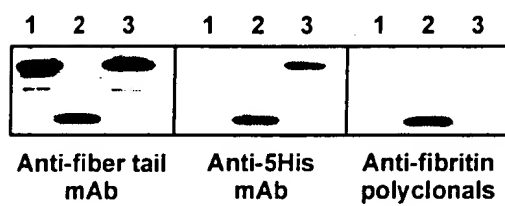
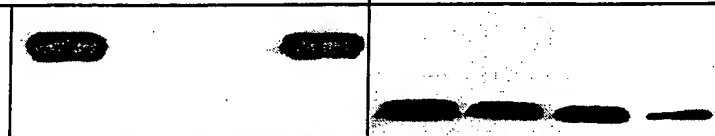


Fig. 5

A

M	Wild type Ad5				Ad5LucFF/6H				M
	1	2	3	4	1	2	3	4	

B



C



Fig. 6

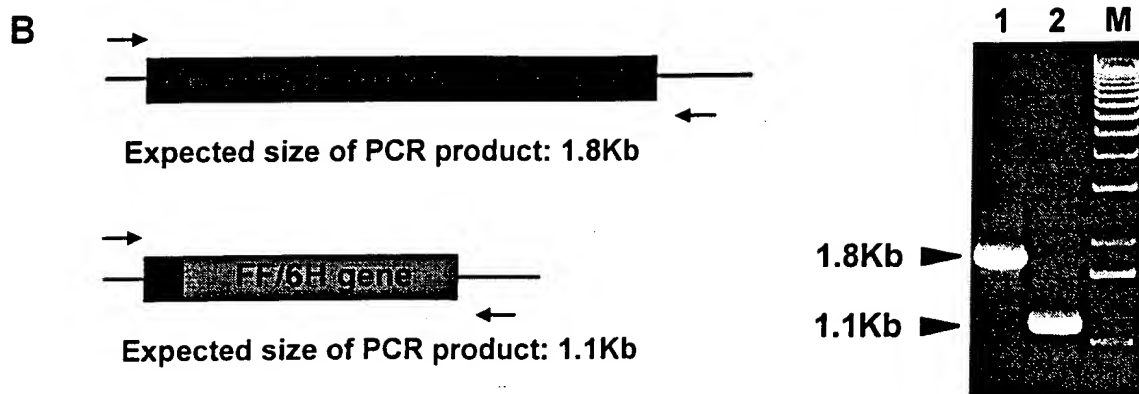
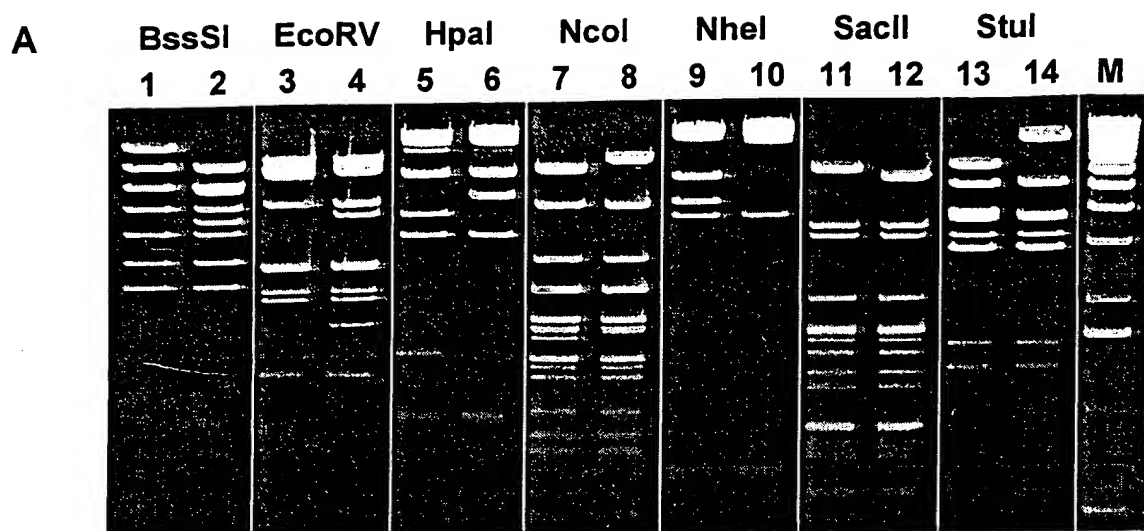


Fig. 7

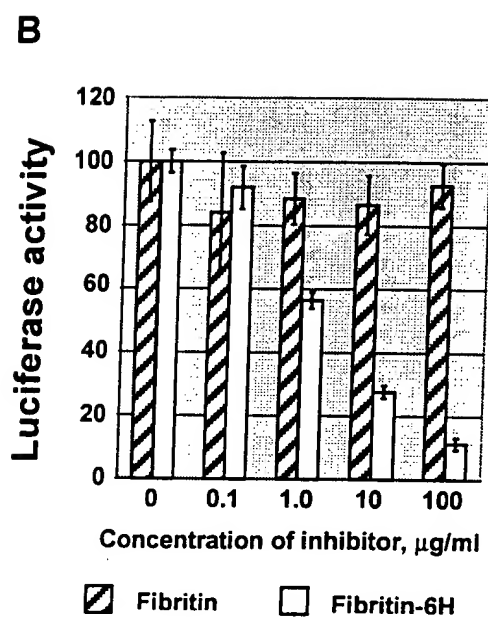
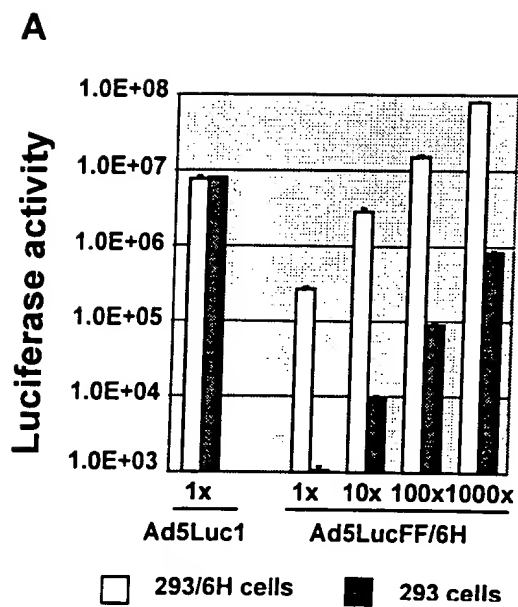
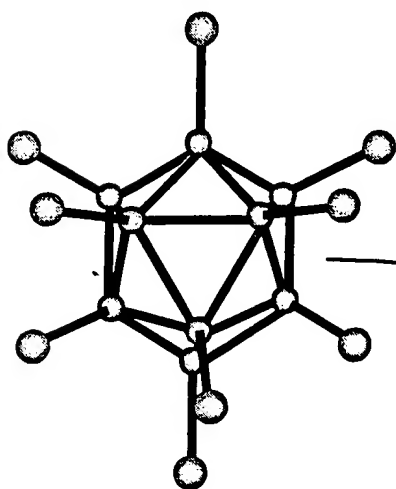
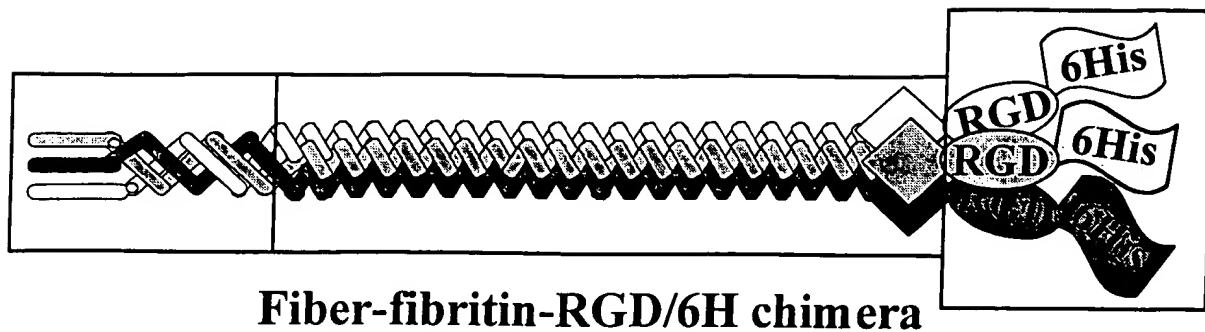
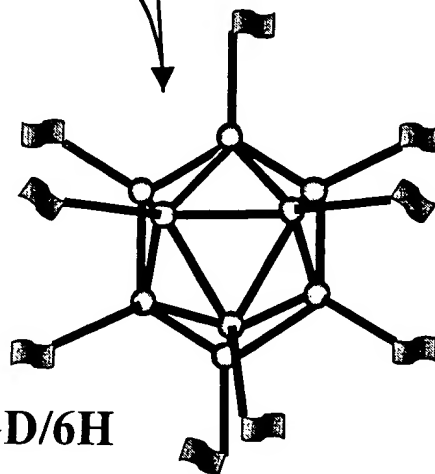


Fig. 8





**Wild type Ad5**



**Ad5LucFF.RGD/6H**

*Fig. 9*

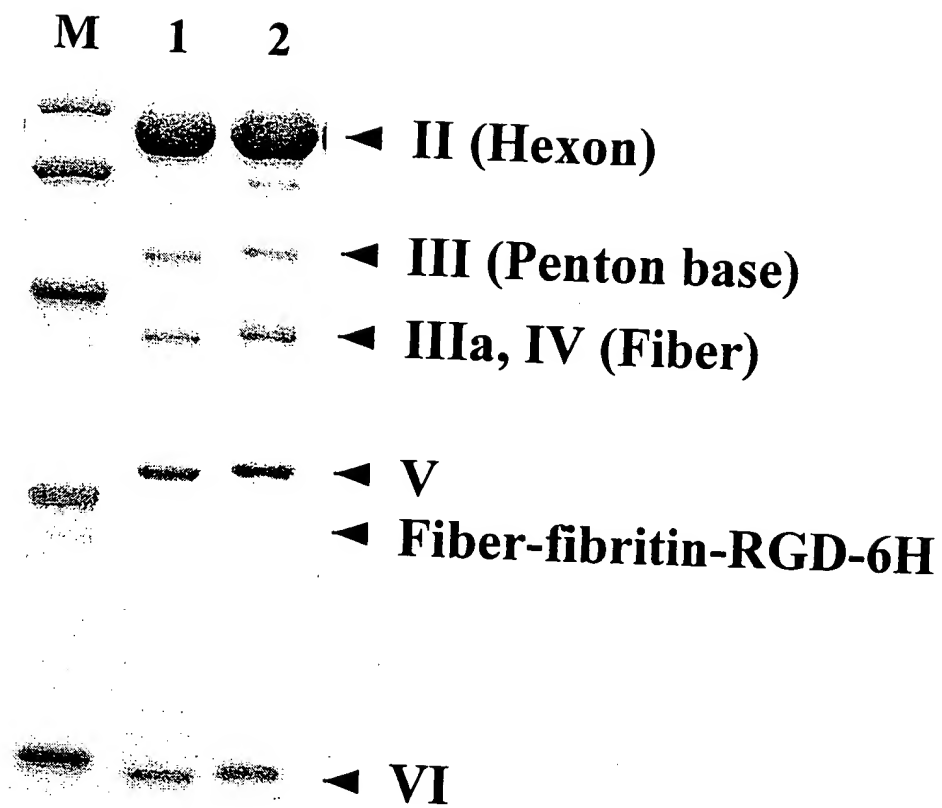


Fig. 10

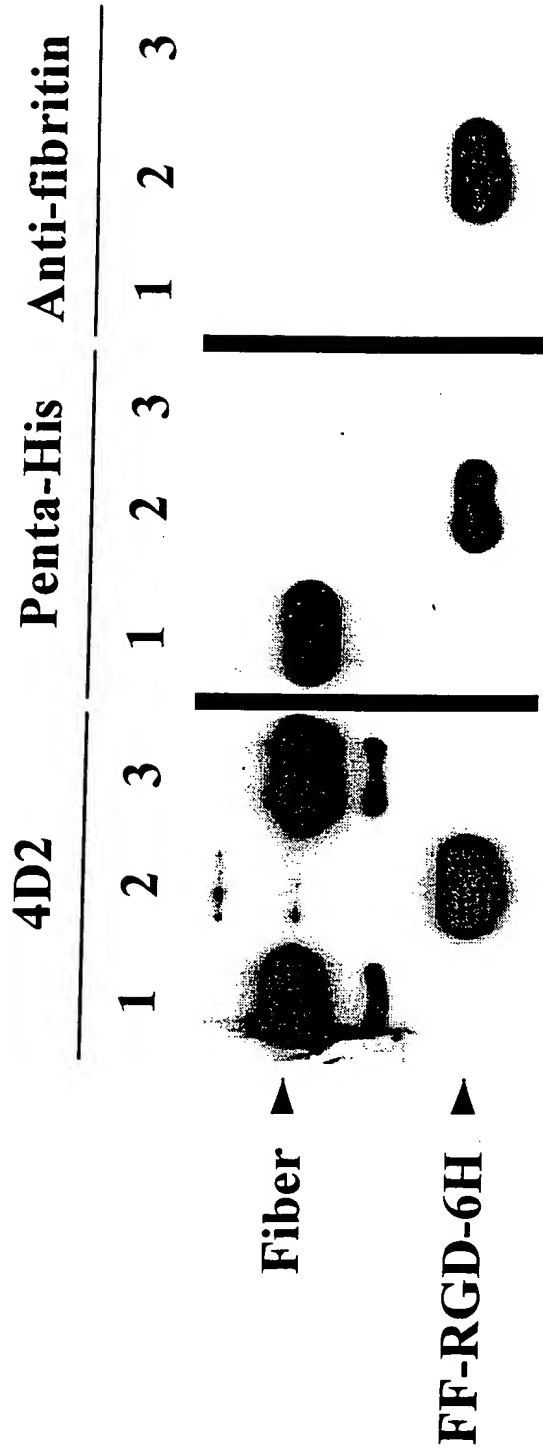


Fig. 11

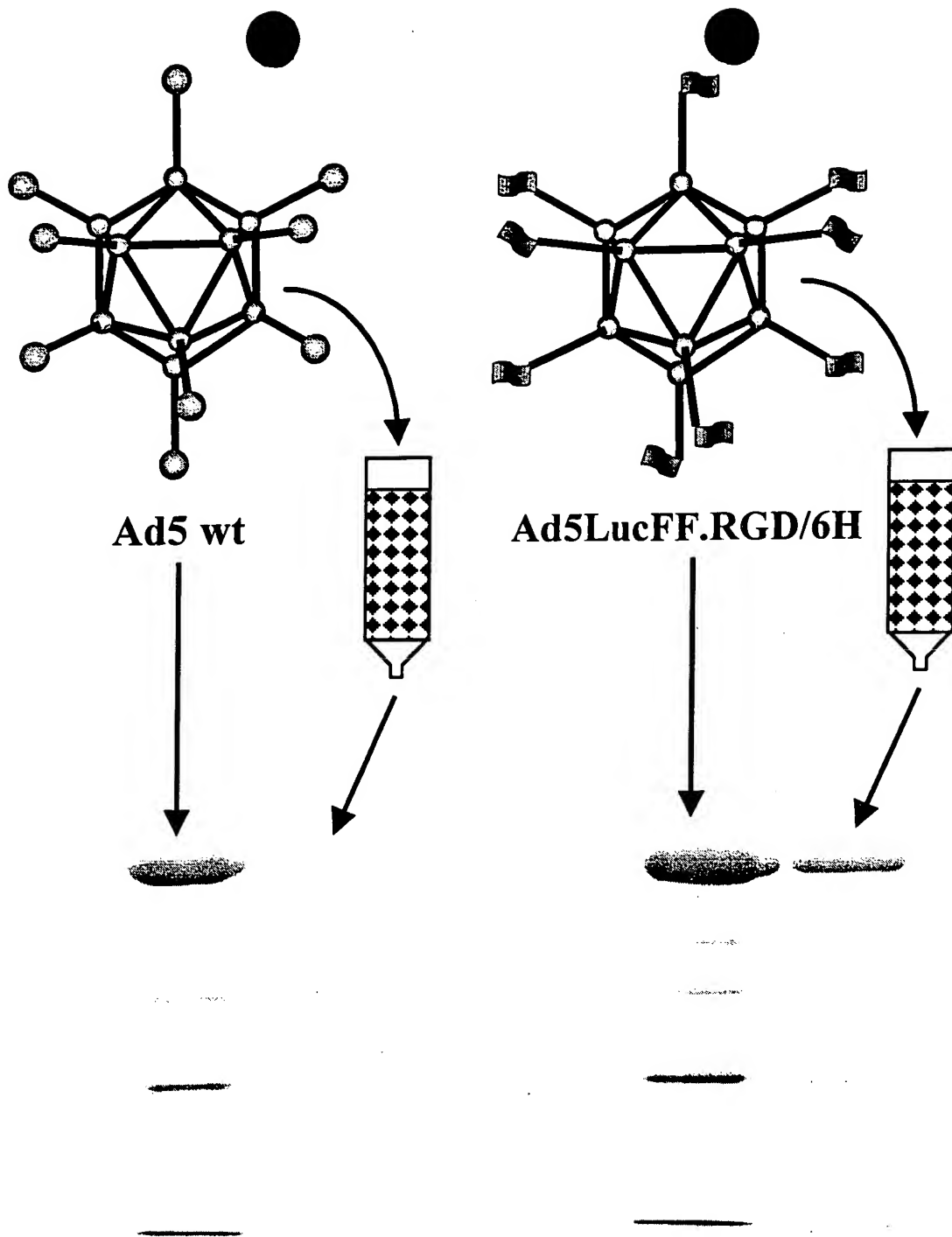


Fig.12

0.00 0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.10 0.11 0.12 0.13 0.14 0.15 0.16 0.17 0.18 0.19 0.20 0.21 0.22 0.23 0.24 0.25 0.26 0.27 0.28 0.29 0.30 0.31 0.32 0.33 0.34 0.35 0.36 0.37 0.38 0.39 0.40 0.41 0.42 0.43 0.44 0.45 0.46 0.47 0.48 0.49 0.50 0.51 0.52 0.53 0.54 0.55 0.56 0.57 0.58 0.59 0.60 0.61 0.62 0.63 0.64 0.65 0.66 0.67 0.68 0.69 0.70 0.71 0.72 0.73 0.74 0.75 0.76 0.77 0.78 0.79 0.80 0.81 0.82 0.83 0.84 0.85 0.86 0.87 0.88 0.89 0.90 0.91 0.92 0.93 0.94 0.95 0.96 0.97 0.98 0.99 1.00

M 1 2 3 4 5 6 7 8 9 10 11 12 13 14

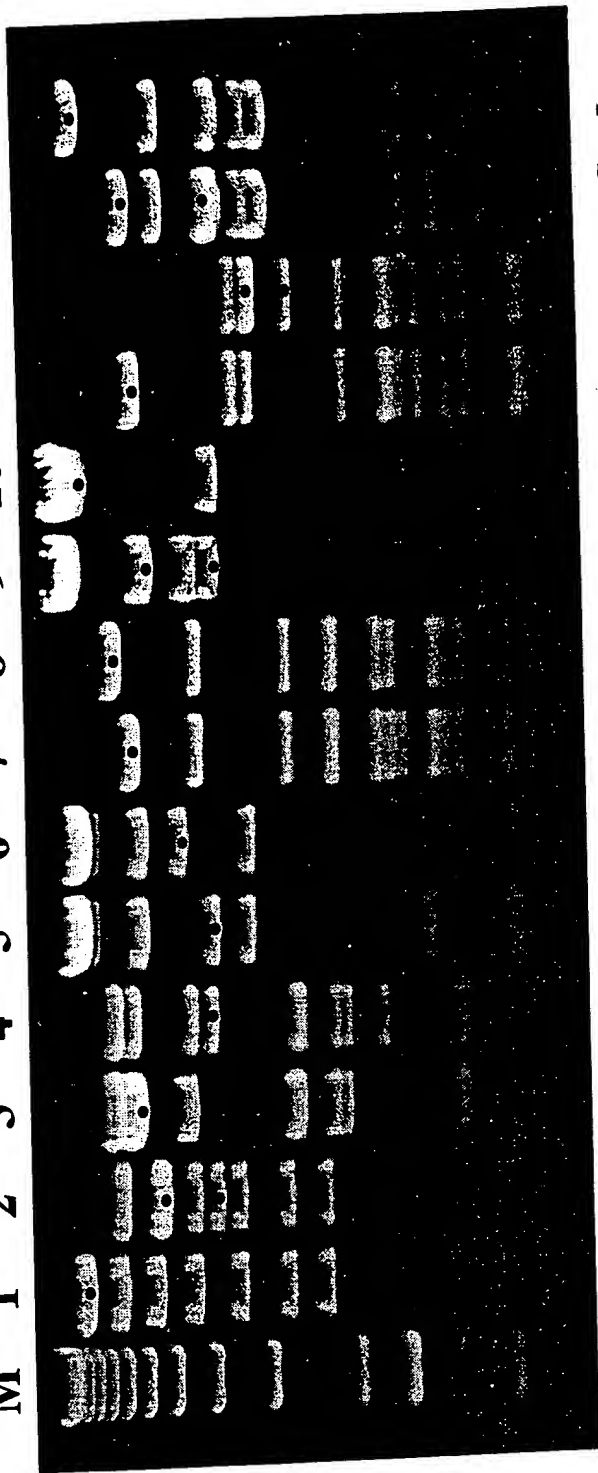
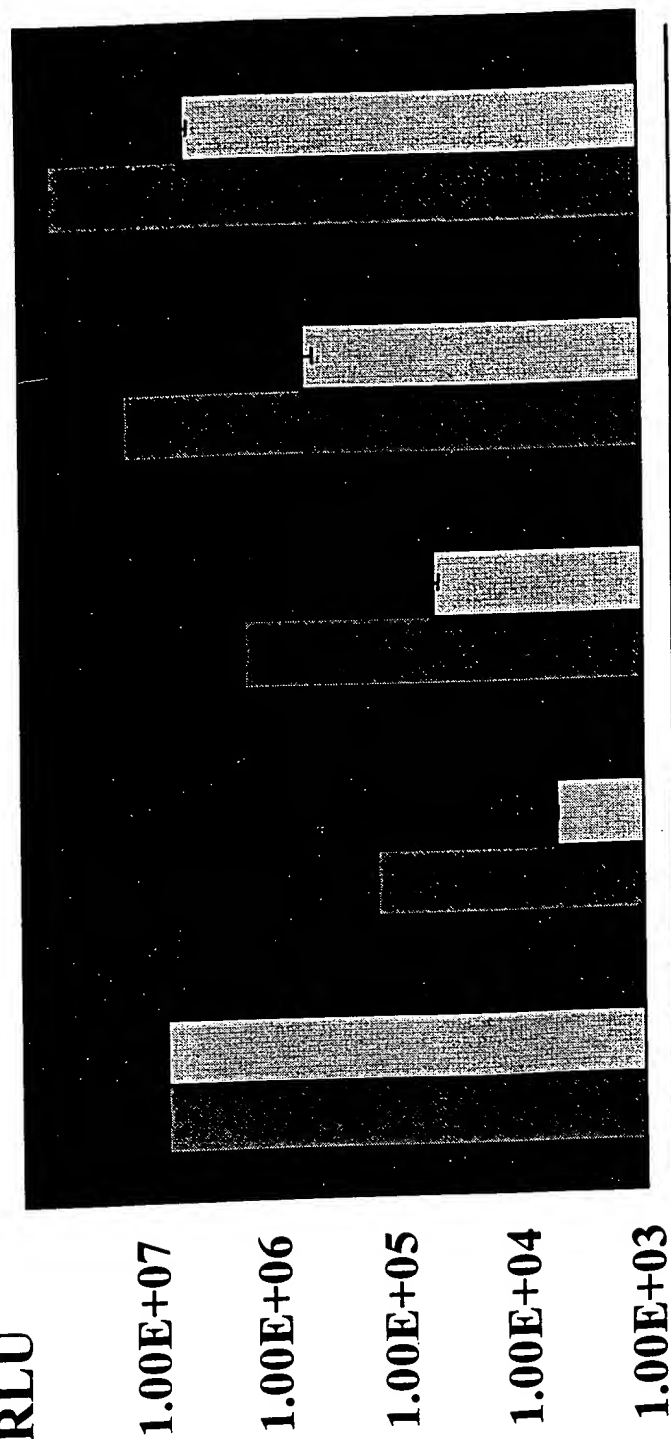


Fig. 13

# Luciferase activity, RLU



293/6H  
293

Virus Ad5Luc1 Ad5.FF.RGD/6H  
Dose 1x 10x 100x 1000x

Fig. 14